**PATENT** 

## STATES PATENT AND TRADEMARK OFFICE

Applicant:

William Lees et al.

Examiner:

Khanh, Pham B.

Serial No.:

S/N 09/765,542

09/765,542

Group Art Unit:

2177

Filed:

January 19, 2001

Docket No.:

14917.417USU1/MS150544.2

Title:

LINKED VALUE REPLICATION

CERTIFICATE UNDER 37 CFR 1.10
"Express Mail" mailing label number: EV 1783230US

Date of Deposit: August 22,2006

I hereby certify that this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above, and is addressed to Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-145

## SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (37 C.F.R. § 1.97(c))

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

Dear Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner.

This statement should be considered because it is submitted with a Request for Continued Examination under 37 C.F.R. § 1.114.

In accordance with 37 C.F.R. §1.98(a)(2), a copy of each document or other information listed on the enclosed Form 1449 is provided.

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

Please charge any additional fees or credit any overpayment to Deposit Account No. 13-2725.

Dated: August 20,2006

MERCHANT & GOULD P.C.

27488

PATENT TRADEMARK OFFICE

By:

Rene A. Pereyra, Reg. No. 45,800

P.O/Box 2903

Minneapolis, MN 55402-0903

303-357-1637

Date Mailed: Augus 22, 2006

Sheet 1 of 3

FORM 1449\* INF

INFORMATION DISCLOSURE STATEMENT

14917.417USU1/ MS150544.02

Docket Number:

Application Number: 09/765,542

Applicant: William B. Lees

Filing Date: 01/19/2001

Group Art Unit: 2177

## IN AN APPLICATION

(Use several sheets if necessary)

			U.S. PATENT DOCUME	NTS		
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	US 5,588,147	Dec. 24, 1996	Neeman et al.	395	601	Jan. 14, 1994
	US 5,649,194	Jul. 15, 1997	Miller et al.	395	616	Jun 2, 1995
	US 5,675,787	Oct. 7, 1997	Miller, et al	395	615	Jun. 2, 1995
	US 5,774,552	Jun. 30, 1998	Grimmer	380	25	Dec. 13, 1995
	US 5,787,442	Jul. 28, 1998	Harcherl et al.	707	201	Jul. 11, 1996
	US 5,832,225	Nov. 3, 1998	Harcherl et al.	395	200.53	Jul. 12, 1996
-	US 5,832,275	Nov. 3, 1998	Olds	395	712	Jun. 4, 1997
	US 5,832,506	Nov. 3, 1998	Kuzma	707	200	Mar. 29, 1996
	US 5,968,121	Oct. 19, 1999	Logan et al.	707	10	Aug. 13, 1997
	US 6,052,724	Apr. 18, 2000	Willie et al.	709	223	Sep. 2, 1997
	US 6,247,017	Jun. 12, 2001	Martin	707	102	Mar. 20, 1998
	US 6,377,950	Apr. 23, 2002	Peters et al.	707	10	Oct. 9, 1998
	US 6,647,393	Nov. 11, 2003	Dietterich et al.	707	102	May 2, 1997
	US 6,901,433	May 31, 2005	San Andres et al.	709	216	Aug. 24, 1998
-		FOR	REIGN PATENT DOCU	MENTS		
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION
						YES NO

EXAMINER	DATE CONSIDERED

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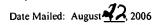
Date Mailed: August <u>22</u>2006

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IN AN APPLICATION	Applicant: William B. Lees		
(Use several sheets if necessary)	Filing Date: 01/19/2001	Group Art Unit: 2177	

	OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)
	Joshua J. Bloch, Dean S. Daniels, and Alfred Z. Spector. "A weighted voting algorithm for replicated directories," Journal of the ACM, 34(4):859-909, ACM, October 1987.
	Mullender, S., van Rossurn, G., Tanenbaum, A., van Renesse, R. and van Staveren, H., "Amoeba: A Distributed Operating System for the 1990s", IEEE Computer 23, 5 (May 1990), 44-53.
	T. Mann, A. Hisgen, and G. Swart, "An Algorithm for Data Replication," Report 46, DEC System Research Center, Palo Alto, Calif., 1989.
	Ganesha Beedubail, Udo Pooch. "An Architecture for Object Replication in Distributed Systems," Proceedings of the International Conference on Parallel and Distributed Processing Techniques and Applications, PDPTA'97, Department of Computer Science, Texas A&M University, Technical Report (TR_96-006), March 1996.
	Haengrae Cho, "Catalog Management in Heterogeneous Distributed Database Systems," Communications, Computers and Signal Processing, 1997. '10 Years PACRIM 1987-1997 - Networking the Pacific Rim'. IEEE, August 1997.
	Charles Severance, "Could LDAP Be the Next Killer DAP?," <i>Computer</i> , vol. 30, no. 8, pp. 88-89, Aug., 1997.
	Peter J. Keleher, "Decentralized Replication Mechanisms in Deno," University of Maryland Computer Science Department, Technical Reports from UMIACS and Technical Reports of the Computer Science Department, CS-TR-3940 UMIACS, UMIACS-TR-98-54, Oct. 1998. (http://hdl.handle.net/1903/970)
	J. Ordille, B. Miller. "Distributed Active Catalogs and Meta-Data Caching in Descriptive Name Services," Thirteenth International IEEE Conference on Distributed Computing Systems, pp. 120-129. May 1993.
	H. V. Jagadish, M. A. Jones, D. Srivastava, and D. Vista. Flexible list management in a directory. In Proceedings of the Seventh International Conference on Information and Knowledge Management (CIKM), p. 10-19, ACM, Washington, DC, Nov. 1998.
	Roger Y. M. Cheung, "From Grapevine to Trader: The Evolution of Distributed Directory Technology," Proceedings of the 1992 conference of the Centre for Advanced Studies on Collaborative research - Volume 2, pp 375 – 389, 1992, Ontario, Canada 1992.
	B. Acevedo, L. Bahler, E. N. Elnozahy, V. Ratan, and M. E. Segal. Highly available directory services in DCE. In Proceedings of the Symposium on Principles of Distributed Computing (PODC'95), pp. 387-391, August 1995.
	"NetOp® Policy Server, Version 3.0, Quick Guide," Document revision: 2004313, 1981-2005  Danware Data A/S, CrossTec Corp.  (http://www.crossteccorp.com/support/resources/nps_quick_install.pdf)
	Keith K.S. Lee, Y.H. Chin, "A New Replication Strategy for Unforeseeable Disconnection under Agent-Based Mobile Computing System," 1998 International Conference on Parallel and Distributed Systems (ICPADS'98) p. 164, IEEE, 1998.
	Henning Maass, "Open Mobility Management Platform With Directory-Based Architecture And Signalling Protocols,"  Open Architectures and Network Programming, pp. 72-87, IEEE 1998
· · · · · · · · · · · · · · · · · · ·	Yair Amir, "Replication Using Group Communication Over a Partitioned Network," Ph. D. Dissertation, Institute of Computer Science, The Hebrew University of Jerusalem, Israel, 1995.

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EXAMINER	DATE CONSIDERED	

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IN AN APPLICATION	Applicant: William B. Lees		
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Howes, Timothy A., "The Lightweight Directory Access Protocol: X. 500 Lite," Technical Report
CITI TR 95-8, University of Michigan, July 1995.
Bruce Walker, Gerald Popek, Robert English, Charles Kline, and Greg Thiel. The LOCUS distributed
operating system. In Proceedings of the 9th Symposium on Operating Systems Principles, Operating
Systems Review, pages 4969, ACM, October 1983.
M.F. Kaashoek, A.S. Tanenbaum, and K. Verstoep, "Using Group Communication to Implement a
Fault-Tolerant Directory Service," Proceedings of the 13th International Conference on Distributed
Computing Systems, pages 130139, IEEE, May 1993.
Joao Ferreira, Jose Luis Borbinha, Jose Delgado, "Using LDAP in a Filtering Service for a Digital
Library," 5th DELOS Workshop, Budapest, Nov. 1997.
J M Bennett, M A Bauer, "An Analysis of Replication Strategies for X.500-like Distributed
Directories," Workshop on the Management of Replicated Data, IEEE Computer Society Press, Nov
1990, pp. 137-142.
"Microsoft Active Directory Service Interfaces: ADSI Open Interfaces for Managing and Using
Directory Services", Microsoft Corporation, 1999.
"Active Directory Service Interfaces -The Easy Way to Access and Manage LDAP-Based Directories
(Windows NT 4.0)," Microsoft Corp., Feb. 1997.
(http://www.microsoft.com/technet/archive/winntas/maintain/adsildap.mspx)
John Carter, Anand Ranganathan, Sai Susarla, "Khazana An Infrastructure for Building Distributed
Services," Proceedings of the ICDCS'98, IEEE, May 1998.
Microsoft Corporation, "Comparing Microsoft Active Directory to Novell's NDS", September 1998,
pages 1-14. Internet citation retrieved November 22, 2005;
http://msdn.microsoft.com/library/default.asp?url=/library/en-
us/dnactdir/html/msdn_activedirvsnds.asp
David Chappell, "New distributed services give Windows NT a boost in large networks", May 1998,
pages 1-7. Internet citation retrieved November 22, 2005;
http://www.byte.com/art/9705/sec5/art1.htm
Austin et al., "Technique for Replicating Distributed Directory Information," IBM Technical
Disclosure Bulletin, IBM Corp., Vol. 33, No. 12, May 1, 1991, pages 113-120.
Ashfield et al., "System-independent file management and distribution services," IBM Systems
Journal, Vol. 28, No. 2, 1989, pages 241-259.
Weider et al., "LDAP Multi-Master Replication Protocol," Network Working Group, November 1997;
http://www.watersprings.org/pub/id/draft-ietf-asid-ldap-mult-mast-rep-02.txt

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